

SOX-10

IN VITRO DIAGNOSTIC DATASHEET

INTENDED USE : IN VITRO DIAGNOSTIC USE

This Mouse Monoclonal product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.

DESCRIPTION : Sry-related HMG-BOX gene 10, (SOX-10), a nuclear transcription factor that participates in neural crest development and in the specification and differentiation of cells of melanocytic lineage, has been recently shown to be a sensitive marker of melanoma. SOX-10 nuclear expression was found in virtually all cases of melanomas (97%) and about half of cases of malignant peripheral nerve sheath tumors (49%). In sentinel node, SOX-10 is positive in metastatic melanomas and nodal capsular nevus but not in dendritic cells, which usually express S100 protein. SOX-10 is moderately to strongly positive in desmoplastic or spindle cell melanomas, which is usually negative for HMB-45, Melan-A or even S-100.

CATALOG NO :	PL2010	PL2010-R7	7 ML RTU 70 TEST
		PL2010-R1	1 ML RTU 10 TEST
STAINING PATTERN :	Nuclear	PL2010-1	1 ML 1/100 1000 TEST
		PL2010-0,1	0,1 ML 1/100 100 TEST

POSITIVE CONTROL : Melanoma

VOLUME : 7 ml Ready to Use (7 ml of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.)

HOST : Mouse

CLONE : ZM10

ANTIBODY CONCENTRATION : Not known

SPECIES REACTIVITY : Human. Others not tested.

MICROBIOLOGICAL STATE : This product is not sterile.

PRETREATMENT : Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at room temperature for 20 min.

PRIMARY ANTIBODY INCUBATION TIME : 60 minutes at Room Temperature

STAINING TIPS : If the staining is too light, use lower dilution or longer time. If the staining is too strong, check pretreatment, use higher dilution or shorter time.

STORAGE AND STABILITY : This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

TROUBLESHOOTING : Please contact PatoLab Technical Support by e-mail (patolab@patolab.com.tr).